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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/563,639	01/06/2006	Tony Hollings	G2017-7001US	1747

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LOWRIE, LANDO & ANASTASI, LLP  
ONE MAIN STREET, SUITE 1100  
CAMBRIDGE, MA 02142

EXAMINER
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MARINI, MATTHEW G

ART UNIT	PAPER NUMBER
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2854

NOTIFICATION DATE	DELIVERY MODE
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02/09/2009

ELECTRONIC

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@ll-a.com  
gengelso@ll-a.com

<b>Office Action Summary</b>	<b>Application No.</b> 10/563,639	<b>Applicant(s)</b> HOLLINGS ET AL.	
	<b>Examiner</b> MATTHEW G. MARINI	<b>Art Unit</b> 2854	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 02 December 2008.
- 2a) ☐ This action is **FINAL**.                      2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-11, 15, 17-34, 36-39, 45-48 and 52-57 is/are pending in the application.
- 4a) Of the above claim(s) 2, 8-11, 17-20, 23-34, 36-39, 45-48 and 52-56 is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1, 3-7, 15, 21, 22 and 57 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 06 January 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☒ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)            | 4) <input type="checkbox"/> Interview Summary (PTO-413)           |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)   | Paper No(s)/Mail Date. _____                                      |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date <u>1/6/06</u> .  | 6) <input type="checkbox"/> Other: _____                          |

**DETAILED ACTION**

***Election/Restrictions***

Applicant's election without traverse of Group 2 in the reply filed on 12/2/08 is acknowledged.

Claims 2, 8-11, 17-20, 23-34, 36-39, 45-48, and 52-56 withdrawn from further consideration pursuant to 37 CFR 1.142(b) as being drawn to a nonelected invention, there being no allowable generic or linking claim.

***Specification***

The abstract of the disclosure does not commence on a separate sheet in accordance with 37 CFR 1.52(b)(4). A new abstract of the disclosure is required and must be presented on a separate sheet, apart from any other text.

The disclosure is objected to because of the following informalities: The specification lacks the appropriate section headings as set forth in MPEP 608.01(a) and 37 CFR 1.77(c).

Appropriate correction and/or clarification is required.

The title of the invention is not descriptive. A new title is required that is clearly indicative of the invention to which the claims are directed.

The following title is suggested: Printing press including seperable modules for the plate and blanket cylinders and inking systems.

Appropriate correction is required.

### ***Claim Objections***

Claims 1 and 3 are objected to because of the following informalities:

It appears that in claim 1, line 8 the word --original-- should be placed before "primary" so to stay consistent with the claim language recited in 16, i.e. "the original primary module" and

It appears that in claim 3, line 4 "a paper web" should read --the paper web-- for proper antecedent basis.

Appropriate correction is required.

### ***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claim 1, 3-7, 15, 21, 22 and 57 are rejected under 35 U.S.C. 103(a) as being unpatentable over Takahashi (2001/0037743) in view of Hoge (5,540,149).

With respect to claims 1, 3, 15 and method claims 21 and 22, Takahashi teaches in Fig. 1 a multi-color printing unit for a web-offset press comprising a plurality of printing couple pairs, 2b-2d, mounted vertically one above the other in a stack, each printing couple of said printing couple pairs comprising a plate, 4a and 4b, and blanket cylinder, 3a and 3b, and each printing couple pair being arranged so as to print a different color on both sides of a paper web, 7, passing in a vertically upward direction between the

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printing couples of each pair, as seen in Fig. 1, and an inking system, 6a and 6b, associated with each print couple operable to supply ink to the plate cylinder, 4a and 4b, thereof in an operative position, wherein the printing unit of Fig. 2 comprises a primary module, 1d, carrying all the printing couple pairs, 2b-2d, and a pair of secondary modules, 10a and 10b, carrying the inking systems, 6a and 6b, the secondary modules, 10a and 10b, being laterally slideable into a non-operative position, as seen in Fig. 2, in which both the secondary modules, 10a and 10b, are separated from the primary module, 1d, wherein the primary, 1d, and secondary modules, 10a and 10b, each define a path for the paper web extending vertically between the print couples of each pair, as seen in Fig. 1.

However, Takahashi fails to teach means for moving the primary module out from between the secondary modules when the secondary modules are in their non-operative positions and separated from the primary module to enable a second primary module, comprising a plurality of printing couple pairs in which the plate and blanket cylinders are of a different diameter to the diameter of the plate cylinders of the original primary module, to take the place of the original primary module so that the secondary modules can be moved back into an operative position with said second primary module, where the second primary module being positionable in place of the original primary module such that the location of web path associated with the original primary module and with the second primary module remains unchanged.

Hoge teach means for moving a plurality of primary modules, Fig. 5A-5D, containing a plurality of plate and blanket cylinders, 14 and 16, out from ink systems, 4, similar to the secondary modules taught in Ruckmann et al., so to separate the plate and blanket cylinders, 14 and 16, from a primary module, 6, to enable a second primary

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module, Fig. 5D of Hoge, comprising a plurality of printing couple pairs in which the plate and blanket cylinders, 14 and 16, are of a different diameter to the diameter of the plate cylinders of the original primary module when Fig. 5D is compared to Fig. 5B for instance, to take the place of the original primary module of Fig. 5B, where the second primary module, FIG. 5D, is positionable in place of the original primary, Fig. 5B, module such that the location of web path associated with the original primary module and with the second primary module remains unchanged, keeping the inline geometry, essential for even ink transfer, Col. 5 lines 44-57.

It would have been obvious to one of ordinary skill in the art at the time of invention to modify the printing unit of Takahashi to include the removable primary module which includes plate cylinder, 14 and blanket cylinder, 16, with a selected secondary primary module that includes a different diameter to the diameter of the plate cylinders of the original primary module as seen in Fig. 5D of Hoge because Hoge teaches the exchange of the modules allows for a more versatile printing unit while maintaining a simplified system for such exchanges, Col. 2 lines 46-63.

With respect to claim 4, Takahashi teaches in Fig. 1 a multi-color printing unit for a web-offset press wherein each of the secondary modules, 10 and 10b, are slideable laterally away from the primary module, 1d, in opposite directions, as seen in Fig. 2.

With respect to claim 5, Takahashi teaches in Fig. 1 a multi-color printing unit for a web-offset press wherein each secondary module, 10a and 10b, is slideably mounted on a supporting base, 1a and 1e.

With respect to claim 6, Takahashi teaches in Fig. 5 and 6 a multi-color printing unit for a web-offset press wherein a slide unit, seen in Fig. 5 and 6 attached to each of the secondary modules, 10a and 10b, for cooperation with a guide track, 20.

With respect to claim 7, Takahashi teaches in Fig. 1 a multi-color printing unit for a web-offset press wherein the slide unit includes pre-loaded roller bearings, inherently found in the rollers, 18, that cooperate with a inherent recess found on the guide track, 20.

With respect to claim 57, Takahashi teaches in Fig. 1 a multi-color printing unit for a web-offset press the primary module, 1d, is mounted to said supporting base, 1a and 1e, separately to each of the secondary modules, 10a and 10b.

### ***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MATTHEW G. MARINI whose telephone number is (571)272-2676. The examiner can normally be reached on Monday-Friday 8:00 to 5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Judy Nguyen can be reached on (571)-272-2258. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should

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you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Matthew Marini  
1/27/09

*/Leslie J. Evanisko/*  
Primary Examiner, Art Unit 2854